## **SEQUENCE LISTING**

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          Raskov, Hans Henrik
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          'Gammeltoft, Steen
          Bøgebo, Rikke Maria
    <120> A method for detection of colorectal
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    Gly Asp Ser Thr Phe Glu Ser Lys Ser Tyr Lys Met Ala Asp Glu Ala
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                                      25
                                                          30
     Ser Lys Gln Phe Thr Ser Ser Thr Ser Tyr Asn Arg Gly Asp Ser Thr
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    Glu Asp His Val Lys Leu Val Asn Glu Val Thr Glu Phe Ala Lys Thr
55
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                                     25
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    Cys Val Ala Asp Glu Ser Ala Glu Asn Cys Asp Lys Ser Leu His Thr
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    Leu Phe Gly Asp Lys
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15 Glu Asn Phe Lys Ala Leu Val Leu Ile Ala Phe Ala Gln Tyr Leu Gln
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                                     25
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    Gln Cys Pro Phe Glu Asp His Val Lys Leu Val Asn Glu Val Thr Glu
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    Phe Ala Lys
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35 Glu Val Asp Glu Thr Tyr Val Pro Lys Glu Phe Asn Ala Glu Thr Phe
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   Thr Phe His Ala Asp Ile Cys Thr Leu Ser Glu Lys Glu Arg
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   Ser Glu Lys Glu Arg Gln Ile Lys Lys Gln Thr Ala Leu Val Glu Leu
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55 Val Lys His Lys Pro Lys
           35
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    Glu Gly Ser Thr Val Pro Glu Lys Lys Thr Pro Lys Ser Pro Val Gly
                20
                                                          30
    Val Gln Pro Ile Leu Asn Glu His Thr Phe Cys Ala Gly Met Ser Lys
15
            35
                                 40
    Tyr Gln Glu Asp Thr Cys Tyr Gly Asp Ala Gly Ser Ala Phe Ala Val
                             55
                                                 60·
    His Asp Leu Glu Glu Asp Thr Trp Tyr Ala Thr Gly Ile Leu Ser Phe
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20 Asp Lys
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   Tyr Val Met Leu Pro Val Ala Asp Gln Asp Gln Cys Ile Arg His Tyr
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   Glu Gly Ser Thr Val Pro Glu Lys Lys Thr Pro Lys Ser Pro Val Gly
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   Val Gln Pro Ile Leu Asn Glu His Thr Phe Cys Ala Gly Met Ser Lys
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   Pro Ser Lys Asp Tyr Ala Glu Val Gly Arg
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    Leu Gly Asp Ile Leu Gly Ser Ala Met Gln Asn Thr Gln Asn Leu Leu
                20
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                                                          30
    Gln Met Pro Tyr Gly Cys Gly Glu Gln Asn Met Val Leu Phe Ala Pro
            35
                                 40
                                                      45
15 Asn Ile Tyr Val Leu Asp Tyr Leu Asn Glu Thr Gln Gln Leu Thr Pro
        50
                             55
                                                 60
    Glu Val Lys Ser Lys Ala Ile Gly Tyr Leu Asn Thr Gly Tyr Gln Arg
                                             75
                                                                  80
    Gln Leu Asn Tyr Lys His Tyr Asp Gly Ser Tyr Ser Thr Phe Gly Glu
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   Arg
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   His His Thr Ala Tyr Leu Val Phe Ser Pro Ser Lys Ser Phe Val His
                20
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                                                         30
   Leu Glu Pro Met Ser His Glu Leu Pro Cys Gly His Thr Gln Thr Val
40
                                40
   Gln Ala His Tyr Ile Leu Asn Gly Gly Thr Leu Leu Gly Leu Lys Lys
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   Leu Ser Phe Tyr Tyr Leu Ile Met Ala Lys Gly Gly Ile Val Arg
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   Pro Thr Gln Glu Phe Lys Lys Arg Thr Thr Val Met Val Lys Asn Glu
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   Gln Thr Val Lys
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20 Arg Val Gly Phe Tyr Glu Ser Asp Val Met Gly Arg Gly His Ala Arg
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   Leu Val His Val Glu Glu Pro His Thr Glu Thr Val Arg Lys
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   Ala Pro Cys Ser Lys Asp Leu Gly Asn Ala
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   Tyr Ser Asp Ala Ser Asp Cys His Gly Glu Asp Ser Gln Ala Phe Cys
    1
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                                                             15
   Glu Lys Phe Ser Gly Gln Leu Asn Ser His Gly Cys Phe Tyr Gln Gln
55
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   Val Lys Thr Lys Val Phe Gln Leu Lys
            35
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                                                             15
   Glu Val Thr Leu Ser Ala Tyr Ile Thr Ile Ala Leu Leu Glu Ile Pro
                20
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15 Leu Thr Val Thr His Pro Val Val Arg
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30
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   Leu Ser Lys Ala Val Cys Lys Pro Val Arg Cys Pro Ala Pro Val Ser
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                                                         30
   Phe Glu Asn Gly Ile Tyr Thr Pro Arg Leu Gly Ser Tyr Pro Val Gly
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35 Gly Asn Val Ser Phe Glu Cys Glu Asp Gly Phe Ile Leu Arg
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   Phe Arg Met Gln Pro Trp Leu Arg
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10 Phe Glu Asn Gly Ile Tyr Thr Pro Arg Leu Gly Ser Tyr Pro Val Gly
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   Gly Asn Val Ser Phe Glu Cys Glu Asp Gly Phe Ile Leu Arg
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   Leu Thr Gly Ser Ser Glu Arg Glu Cys Gln Gly Asn Gly Val Trp Ser
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   Ala Val Asn Leu Ile Ala Ile Asp Ser Gln Val Leu Cys Gly Ala Val
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   Lys Trp Leu Ile Leu Glu Lys Gln Lys Pro Asp Gly Val Phe Gln Glu
           35
50 Asp Ala Pro Val Ile His Gln Glu Met Ile Gly Gly Leu Arg Asn Asn
       50
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   Asn Glu Lys Asp Met Ala Leu Thr Ala Phe Val Leu Ile Ser Leu Gln
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    Val Lys Glu Tyr Val Leu Pro Ser Phe Glu Val Ile Val Glu Pro Thr
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    Glu Lys Phe Tyr Tyr Ile Tyr Asn Glu Lys Gly Leu Glu Val Thr Ile
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15 Thr Ala Arg
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                                     25
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   Ala Gln Arg Ala Glu Leu Gln Cys Pro Gln Pro Ala Ala Arg Arg Arg
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35 Arg Ser Val Gln Leu Thr Glu Lys
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   Gly Ile Pro Val Lys Gln Asp Ser Leu Ser Ser Gln Asn Gln Leu Gly
                20
                                    25
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   Val Leu Pro Leu Ser Trp Asp Ile Pro Glu Leu Val Asn Met Gly Gln
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55 Trp Lys
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   Arg Ser Glu Glu Thr Lys Glu Asn Glu Gly Phe Thr Val Thr Ala Glu
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   Gly Lys Gly Gln Gly Thr Leu Ser Val Val Thr Met Tyr His Ala Lys
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   Asn Pro Glu Gly Ile Pro Val Lys
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   Met Thr Gly Phe Ala Pro Asp Thr Asp Asp Leu Lys Gln Leu Ala Asn
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50 Gly Val Asp Arg Tyr Ile Ser Lys
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   Ala Glu Glu Asn Cys Phe Ile Gln Lys
                20
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   Pro Ser Arg Ser Ser Lys Ile Thr His Arg
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   Asp Ala Glu Arg Leu Lys His Leu Ile Val Thr Pro Ser Gly Cys Gly
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   Glu Gln Asn Met Ile Gly Met Thr Pro Thr Val Ile Ala Val His Tyr
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   Leu Asp Glu Thr Glu Gln Trp Glu Lys Phe Gly Leu Glu Lys
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   Gly Pro Leu Leu Asn Lys Phe Leu Thr Thr Ala Lys Asp Lys Asn Arg
    1
   Trp Glu Asp Pro Gly Lys Gln Leu Tyr Asn Val Glu Ala Thr Ser Tyr
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20 Trp Glu Lys Phe Gly Leu Glu Lys Arg
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   Phe Glu Val Lys Glu Tyr Val Leu Pro Ser Phe Glu Val Ile Val Glu
                                    25
               20
                                                         30
   Pro Thr Glu Lys
           35
40
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